

Remarks

The Office Action mailed December 29, 2004, has been received and reviewed. Claims 1 through 48 are currently pending in the application. Claims 10 through 15 are objected to. Claims 1 through 9 and 16 through 48 have been allowed.

Regarding claim 10, Applicants have amended claim 10, as requested by the Examiner, to change “a demodulated data signal” to “said digital signal.” Therefore, Applicants respectfully request that the objection to claim 10 be withdrawn.

Regarding claim 14, the Examiner indicates that “the threshold” should be changed to “a threshold” on line 4 of claim 14. However, Applicants believe that the only occurrence of “threshold” in claim 14, which is on line 4, already reads “a threshold.” Therefore, Applicants are not certain what, if any, correction should be made. If a correction is required, Applicants request that the Examiner contact Applicants’ undersigned attorney to resolve any misunderstanding.

Regarding claims 11-15, these claims depend from now allowable claim 10 and are, therefore, allowable. Applicants respectfully request that the objection to claims 11-15 be withdrawn.

ENTRY OF AMENDMENTS

The amendment to claim 10 above should be entered by the Examiner because the amendments are supported by the as-filed specification and drawings and do not add any new matter to the application.

CONCLUSION

Claims 1-48 are believed to be in condition for allowance, and an early notice thereof is respectfully solicited. Should the Examiner determine that additional issues remain which might be resolved by a telephone conference, he is respectfully invited to contact Applicants' undersigned attorney.

Respectfully submitted,



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Date: February 24, 2005

Attachment: Replacement Sheet
Annotated Sheet Showing Changes

JMM/djp:ljb

Document in ProLaw

Amendments to the Drawings:

The attached replacement drawing sheet includes changes to FIG. 9. FIG. 9 has been amended to include a descriptive label for block elements 43, 45, and 59, as requested by the Examiner. Also attached, for the Examiner's convenience, is an annotated drawing sheet showing the changes incorporated into the replacement drawing sheet.

ANNOTATED SHEET SHOWING
CHANGES

Filed: August 30, 2001

Serial No.: 09/943,968

Docket No.: 2269-4720US

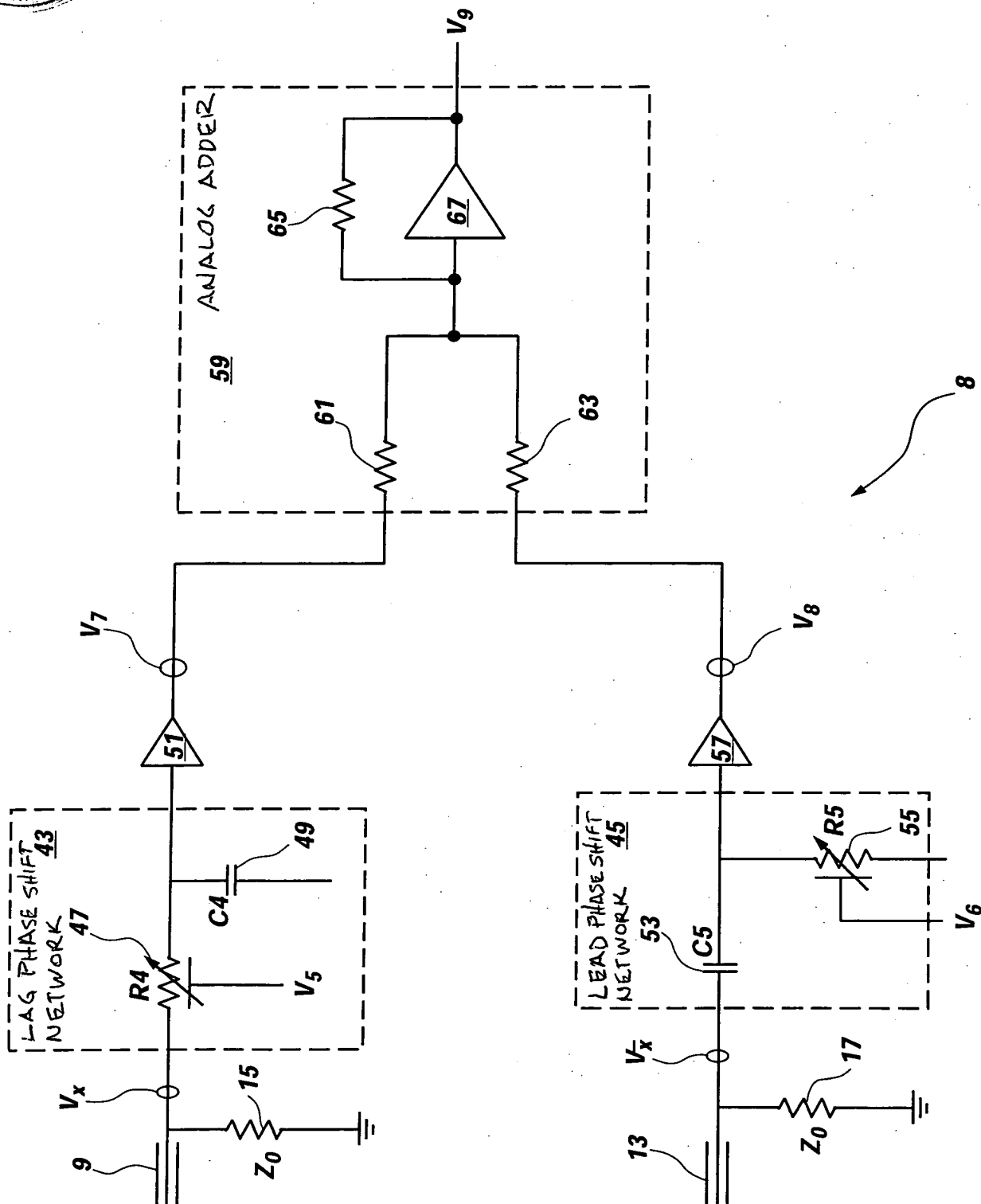
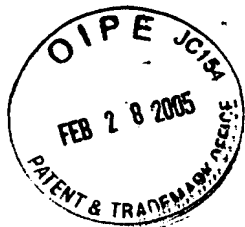


Fig. 9